

VALUATION OF PLANT & MACHINERY

S.No	Description of Machine	Make/Model	Year of Manuf	Qty	FairMarket Value in Rs.
I	Engine with synchronous generator				
1	Gas genset Engine - KG 18V, 4 Stroke, V-Type Engine, 7800 KW @750 rpm, 18 Cylinders, Cylinder Dia-300mm, Engine control panel, Motortech Ignition Controller (MIC850E), Oil Mist detector (Diahatsu MD-SX controller), Supporting structure, Machine Serial No.8472 - Damaged Condition	Kawasaki Heavy Industries Ltd, Japan	2013	1	
2	Synchronous generator - DIG 167 e/8 type, 9750 KVA, 512A, 50HZ, 3 Phase, 750 rpm, Supporting structure, Machine Serial No.8431431A102	AVK Deutshland GMBH & Co, AG	2012	1	
II	Balance of Plant (Electro Mechanical System) with engine control panel				
A	Fuel Gas System				
1	Natural gas piping, Gas flow meters, Safety Valves & Control Valves	Nirmal Industrial Controls P Ltd	2013	Lot	
2	Pressure guages		2013	1	
3	Fuel gas filter with cartridge, Sr No-F 2433, F-2434		2013	2	
B	Intake Air & Exhaust System				

1	Atmospheric Air Ventilation System - 19m/sec, 25 HP motor, Sr No-IT IPL-01/10002/15-16 (Located in Terrace Rearside)	Sterling & Wilson Cogen Pvt Ltd	2015	Lot
2	Air Intake Filter House with 2 filter stage system - 12m/s, 7.5 HP motor, Sr No-IT IPL-03/10002/15-16, 40.482 m3/hr, Air Intake Filter House with 2 stage Filter, S No-SFPL/ SVPMP/0415 10733/01, 40.482 m3/hr	Sterling & Wilson Cogen Pvt Ltd	2015	2
3	Exhaust gas ducting with insulation		2013	1
4	Exhaust gas silencer		2013	1
5	Exhaust gas chimney with structure		2013	1
6	Purge blower for exhaust gas duct		2015	1
7	Exhaust gas turbo charger	MAN	2013	1
C	Lube oil System			
1	Lube oil pump system		2013	1
2	Lube oil supply tank - 10 KL, 8 m3 capacity, pipelines		2013	2
3	Lube oil Loading & unloading pump Crompton Greaves Motor 2.20 KW with 4 m3/hr pump(UT Pump & systems)		2013	1
4	Plate heat Exchanger	Hisaka	2013	1
5	Hydraulic pump with 75 KW motor		2013	1
6	Air cooler	Kawasaki Engineering	2013	1
7	Lube oil piping from tank to genset & return line from genset		2013	Lot
8	Return pump, pipeline complete accessories		2013	Lot
9	HT Circulation Pump - CG motor 37 KW		2013	1
10	LT water Circulation pump- CG motor 22 kw with Armstrong 130m3/hr pump, 36 Mt head, 1458 rpm		2013	1
11	LT Pipeline with control valve		2013	Lot
E	Cooling System			
1	Air cooled radiator system - FCW 720GR, Cooling Fan 17.5 KW each -5 Nos	ICL India	2013	1
2	Cooling water pump, pipeline and control valves		2013	Lot
F	Control System			
1	110 KV Transformer control & relay Panel	Venson Electric P Ltd	2013	1
	RTCC 12.5 MVA 110/11KV panel			
2	AVR/APFR		2013	1
3	Engine Control Panel		2013	1
4	Network Control Panel		2013	1
5	110V DC DB (Client end DCDB)	HBL Power Systems	2013	1

6	415V AC Distribution Board	HBL Power Systems	2013	1	
7	VTA Control Panel	MAN	2013	1	
8	Control cabling		2013	1	
G	Compressor Air system				
1	Floor mounted reciprocating compressor - 15 KW Motor, 1132 LPM, Control Panel, Sr No- BOGT540094, BOGT540097	ELGI - HP20-300	2013	2	
2	Air Drier, Model-D72-IN-A, 0.27 KW	Ingersoll Rand		1	
3	Air collection Tank - 1000 Litrs	Dhruv EPC solution	2013	2	
4	Air filter & S.S.Air Tank - 500 Litrs		2013	1	
5	Pressure control valve, Solenoid valve, drain top & Air Piping		2013	Lot	
H	Black start DG set				
1	Silent Generator - 320 KVA, Greaves Engine Model-TBD2/12, Eng No- 1325121306166, Leroy Somer Alternator type-LSA46.2VL12, No-LD93LZ13J176412	Greaves Cotton Ltd	2013	1	
I	EOT Crane				
1	Double Girder EOT Crane - 7.5 Ton capacity, span-18mts, lift 8mts, Sr No- 700	Sun Cranes	2015	1	
J	Electrical Installation				
1	I/O Feeder Panel - Gas Generator Incomer 7.5 MVA, Outgoing Feeder 01 - 700KVA(Aux Trf), Outgoing Feeder 02- 12.5 MVA(Dist Trf), Bus PT Feeder - Totally damaged due to fire accident		2013	1	
2	Transformer with OLTC- 630 KVA, S.No - 21368/01	Shilchar	2015	1	
3	Neutral Ground Resistor - PSS304 Model, 100 A, S.No-130472/1	Resitech Electricals P Ltd	2013	1	
4	MCC Panel - 800A ACB Schneider Electric - 2 Nos, 1F- Transformer Incomer, 2F-DG set Incomer, 3-F- Cooling system & Ventilator fan, 4-F- LDB supply, 5-F Battery Charger, Air compressor, 6F to 9F - Radiator fan, APFC Panel, UG cables, switch board and electrical fittings		2013	1	
K	110 KV Substation & Switch Yard				
1	110 KV, 1250A, 31 SKA SF6 gas circuit breaker		2013	2	
2	110KV, 1250A manually operated isolator		2013	4	
3	Current transformer		2013	9	
4	CT junction box sheet steel, 60 terminals, separate 4 terminals for AC supply of heater circuit, illumination and socket		2013	2	

5	Potential transformer	Lamco Industries	2013	6	
6	PT junction box sheet steel, 60 terminals, separate 4 terminals for AC supply of heater circuit, illumination and socket		2013	2	
7	Outdoor 110 KV control & Relay panel for line bay (TNEB Side)		2013	1	
8	Indoor 110 KV transformer control & Relay panel		2013	1	
9	Lightening Arrestor		2013	4	
10	110V DC Distribution Board (110V TNEB)	HBL Power Systems	2013	1	
11	110 V Battery Charging Panel , 45AH Battery bank with stand, 24 A battery charger		2013	1	
12	110KV bus post insulator		2013	6	
13	substation earthing		2013	Lot	
14	Substation and equipment structure		2013	Lot	
15	Horizontal centre break isolator		2013	1	
16	Transformer with OLTC -12500 KVA, S.No-13555, with Nitrogen Injection Fire Protection System, Type-PNTM12.5 B10, 10 Cum Capacity cylinder	Andrew Yule & Co	2013	1	
17	CTR Fire protection system panel, Model-PNTM12.5B10, Sr No-12.55419, Trf Rating - 12.5MVA (located in Panel room)		2013	1	
18	Transmission lines for 13 Kms - 49 Tower (Athichamangalam to Kodavasal)		2013	Lot	
L	Other Items Located in Premises				
1	40 Feet container (Locked Condition)			2	
2	Seamless Pipes located near substation,			Lot	
3	Microwave Tower in dismantle condition, Isolators located near Generator			Lot	
4	Wooden box with spares located near generator			Lot	
5	mechanical lift for circuit breaker			1	
6	Furniture and office equipment, Bay lights – 8 Nos, focus lights-3 Nos, UG Cables located in adjacent room			Lot	
7	Office Table Big-1 No, Small- 2 Nos, Revolving chair-3 Nos,			Lot	
	TOTAL				